

#8.

Hawaiian Explorations.

D^r 3946 - D^r 3948.

Hy. 4215 - Hy. 4260.

May 19th - 21st, 1902.

Next Hy-4215.

" Dr. 3946.

Thermometer 98.000

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.D. = 47.1

No. Hy. 4215. Date 19 May '02.

Lubber Machine. Reel. Navy.

Turns 337 Cor. + 34 Depth 371 fms.

Shot or lead 36 lbs.

Bottom fine wh. S. R.

Bottom temperature 44. -

No. of thermometer 92446. Cor.

Corrected temperature

Air 74. - Surface 74. - Drift

Trawl or dredge

P.D. SOUNDING WIRE.		TURNS.	P.D. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2. 37.45	47.05	0		
38.55	46.00	100		
39.55	44.55	200		
41.00	43.45	300		
2. 41.25	2. 43.00	337		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laysan Is. light, N 86° E., 8 $\frac{2}{10}$ '

~~0.08
Km~~

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

~~337
34
37~~

10° 52' - 20'

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 48.1

not. 1000
Arcto-Nudicellus

No. Dr. 3946 Date 19 May 02.

Sideec Machine & Reel. Navy

Turns 113 Cor. + 11 Depth 124 fms.

Shot or lead 36 lbs.

Bottom wh. s. 8m co. frag.

Bottom temperature 64.2

No. of thermometer 92446. Cor.

Corrected temperature

Air 76. Surface 74. Drift 1 1/10'

Trawl or dredge 8' Tanner with apron.

<u>P.M. SOUNDED WIRE.</u>		TURNS.	<u>P.M. DRÉDGE ROPE.</u>	
DOWN.	UP.		DOWN.	UP.
3. 07. 30	3. 12. 10	0	3. 18. 00	08.10
08.40	10.50	100	22.00	403.15
3. 09. 00	3. 10. 30 et 113 250 300	400	26.00	59.10
		500	3. 28. 00	3. 54. 30
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laupau & light, N 85° E. 8'

S 85° E, 8.0'

OK
etc.

13
11
124

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Water haul; no indication
of trawl having been on bottom.

no. 5
 Hutchinson
 No. 5 3947 Date 19 May 02.
 S. S. S. Machine Reel. Nav.
 Turns 181 Cor. + 18 Depth 199 fms.
 Shot or lead 36 lbs.
 Bottom from S. lat. Sh.
 Bottom temperature 56.5°
 No. of thermometer 98234. Cor. -0.3
 Corrected temperature 56.2° (N 61° E.)
 Air 74. Surface 74. Drift 12° 10'
 Trawl or dredge 8 fath. with a pun

P.M. SOUNDING WIRE.		TURNS.	P.M. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-10.40	16.05	0	4-22.30	5.39.50
11.45	15.00	100	27 =	33.10
12.45	4-14.00	181	30.30	28.30
Marker end of		300	34.10	24.30
Sta 5 3946		400	38.05	20.10
		500	43.00	5.15.10
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Leopard's Light, 878° E., 8 $\frac{6}{10}$ '

OK
get
it

181
188
199

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Tanner Trawl: REMARKS:

2 *Scorpaena remigera*; 1 labroid;
1 *munida*; 1 shrimp.

107
Nuttallison

No. H. 4216 Date May 19, 1902
Sinker Machine Reel. Navy
Turns 88 Cor. + Depth 97 fms.

Shot or lead 36 lbs.

Bottom wh. S. h. 605 and Sh.

Bottom temperature 67.7

No. of thermometer 98234 Cor. - 0.2

Corrected temperature 67.5

Air 77 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-4205	45 ¹⁰	88		
43 =	5-44 ⁰⁰			
Marks end of				
No. 5 3947				
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layard's Light, 866° E., 7° 10'

OK
H.C. 12

88
9
91

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Autobus
No. 4217 Date Friday 19-02
Tanner Machine. Reel.

Turns 40 Cor. + 2 Depth 42 fms
Shot or lead 26 lbs.
Bottom S. Co. Sh. 73°
Bottom temperature 73°
No. of thermometer 98.34 Cor. 0
Corrected temperature 73°
Air 74 Surface 74 Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6:12:10	03 ⁴⁰	40		
02:30	03 =	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Latitude 36° North 866° E., 6' 10'

0 K
20
40
60
80

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

40
45 6

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Hy 4218 Date 20 May 102.

Hav. Machine. Reel.

Turns Cor. + Depth 10 fms.

Sounding lead 9 ft.

Bottom S. C. Sh.

Bottom temperature

No. of thermometer } none cor.

Corrected temperature

Air 72 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laysan Is. Light 882° 30' E., 1.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~11.5 11.4 11.2 11.9 11.5 11.6~~
9.10.12/4. 9/2. 12. 9. 9.

No. 514219 Date 20 May 1902
 Hand Machine Tech.
 Turns — Cor. + — Depth 9
Shot or lead 9#
 Bottom S. Co. Sh.
 Bottom temperature
 No. of thermometer } Cor.
 Corrected temperature }
 Air 73 Surface Drift
 Trawl or dredge

BOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laypan 30 Light. 34° 75° E., 1°

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Bot 4/2 19-20. 16
14 1/2. 14 1/2. 14 3/4. 13
14. 14. 12 3/4. 13. 10 1/2. 12 3/4. 12
11 3/4. 11. 9. 10. 9 1/2. 11 3/4. 9 1/2. 4

No. 41520, Date 23 Jan 1912
 Hand Machine Recl. ✓
 Turns Cor. + — Depth 11 fms
 Shot or lead G.
 Bottom St. Co. Sh.
 Bottom temperature
 No. of thermometer } none Cor.
 Corrected temperature
 Air 74 Surface 74 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
648		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Supern. Light 2837° E., 1⁵/₁₀.

~~6000
5000
4000~~

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11. 11. 12. 13¹/₂. 14. 14. 13. 13. 15. 10¹/₂
10. 7. 6. 8¹/₂. 11. 9¹/₂. 12. 17. 8¹/₂

No. 11221 Date 20th of June
 Machine Reel.
 Turns Cor. + Depth 19 1/2 fms
 Shot or lead off
 Bottom S. Co. Sh.
 Bottom temperature }
 No. of thermometer } Cor.
 Corrected temperature }
 Air 76 Surface 74 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laysan Light, N 17° 30' E., 2⁴/₁₀

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 11222 Date 2-1-12
 Machine. Reel.
 Turns — Cor. + — Depth 15 fms
 Shot or lead 11
 Bottom S. Co. Sh.
 Bottom temperature
 No. of thermometer } Cor.
 Corrected temperature
 Air 76 Surface 74 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
722		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laysan Light, N 16° E., 2/10'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

5000 fms.

No. 21223 Date May 25 '02
 Tamm Machine. — Reel.
 Turns 13 Cor. + 1 Depth 14 fms
 Shot or lead 26 lbs
 Bottom C. & S. Park SL.
 Bottom temperature
 No. of thermometer None Cor.
 Corrected temperature
 Air 76 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
34.00	7.85	0		
		13		
		400		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lanpan D Light, N 10° 30' E., 3 $\frac{8}{10}$ '

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4221 Date 20 May '12
 Farnes Machine. Reel. - 1
 Turns 12 Cor. + 1 Depth 13 fms
Shot or lead 26 lbs.
 Bottom Co R. wh. S. brk. sh.
 Bottom temperature
 No. of thermometer 1 Cor.
 Corrected temperature
 Air 76 Surface 74 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		12		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laypan Is. Light, 318° 30' E., 4° 10'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4295 Date 20 Nov. 1901
 Trawl Machine Reel. -
 Turns 54 Cor. + 2 Depth 6 fms.
 Shot or lead 26 lbs.
 Bottom fine sand & broken shells.
 Bottom temperature
 No. of thermometer 2 Zone Cor.
 Corrected temperature
 Air 76 Surface 74 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.08.30	8.10.20	0		
		54		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Leypen & Light, 316° E., 5 1/2

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

496
54
442

12

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 63.3

No.

Date 20 Nov. 02

Machine. - Reel.

Turns 279 Cor. + 9 Depth 288 fms
Shot or lead 26 lbs.

Bottom fine white grit sh.

Bottom temperature

No. of thermometer 2 known Cor.

Corrected temperature

Air 76 Surface 74 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8. 21.50	8. 27.50	0		
20.00	26.00	100		
20.50	26.50	200		
8. 21.50	8. 21.50	279 300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laypan So Light, N 4° 30' E, 670'

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 14100 Date 28 May
 Machine. 1 Reel. No. 1
 Turns 712 Cor. + 71 Depth 783 fms.
 Shot or lead 36 ~~lb.~~
 Bottom. Co. R.

Bottom temperature 37.4

No. of thermometer 64280. Cor. + 0.1

Corrected temperature 37.5

Air 76. Surface 74. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.37.20	8.36.20	0		
6.5.20	5.5.20	100		
5.1.20	5.1.20	200		
4.1.20	4.1.20	300		
3.1.20	3.1.20	400		
2.1.20	2.1.20	500		
1.1.20	1.1.20	600		
1.1.20	1.1.20	700		
8.17.10	8.16.10	712		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layman's Light, N 3° 20' E., 7/10

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 65.3

No. 44. 15.8 Date 20 Feb. 1902.

Schooner Machine. Reel. Navy

Turns 1000 Cor. + 04 Depth 104.8 fms.

Shut ~~an~~ lead 35.1

Bottom (no. specimen.)

Bottom temperature 36.1

No. of thermometer 98 23.1 Cor. 16.1

Corrected temperature 36.1

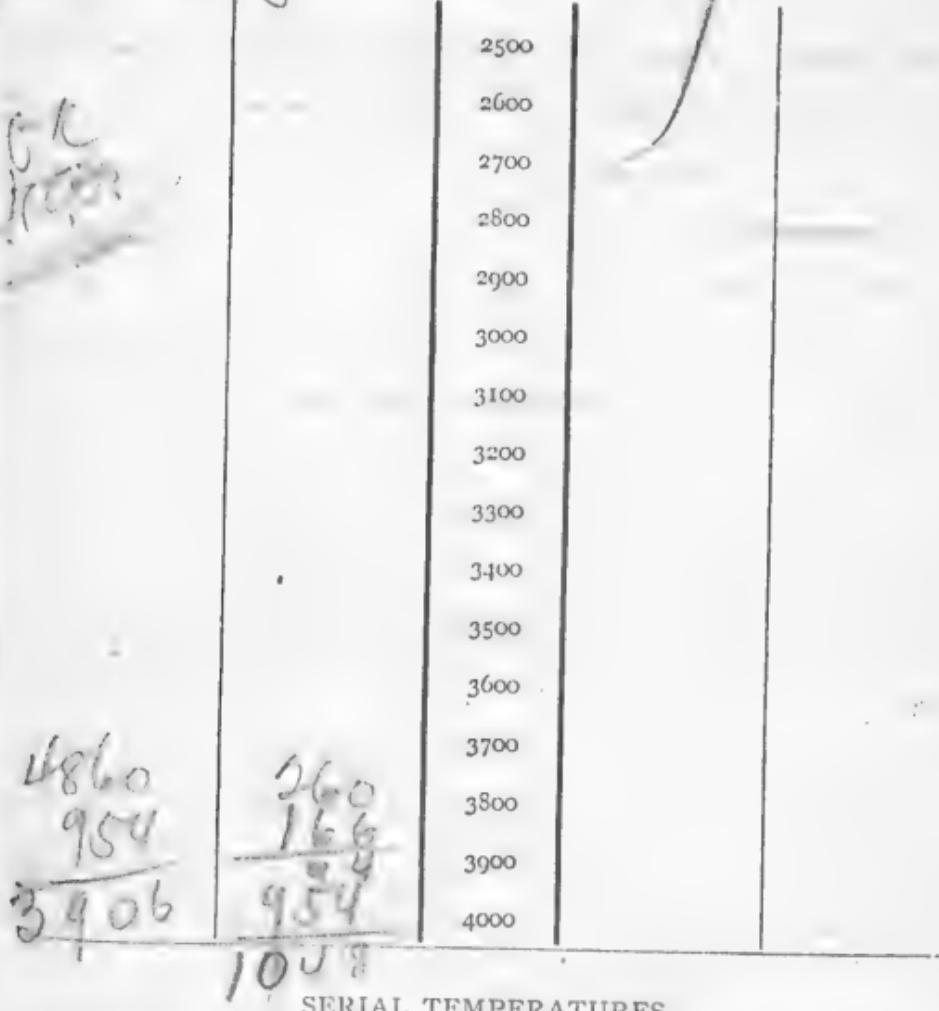
Air 77. - Surface 73. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
0. 10.18	9. 22.10	0		
11.10	32.10	100		
12.05	31.10	200		
12.05	30.10	300		
13.05	29.10	400		
15.15	28.10	500		
16.20	27.00	600		
18.00	25.10	700		
19.00	24.10	800		
20.10	22.10	900		
9. 21.10	9. 21.10	4000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Superior Light, N.Y., 6⁷/₁₀

6/10/08



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

R. C. 100

No. 111. 4/20 Date 7:30 AM
 Machine. 6' Reel. 7000
 Turns 501 Cor. + 500 Depth 1751 fms.
 Shot or lead: 25 lbs.
 Bottom No bottom
 Bottom temperature 56.5
 No. of thermometer 98234. Cor. + 0.1
 Corrected temperature 39.1
 Air 77. - Surface 75. - Drift
 Trawl or dredge

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.00.30	10.12.20	0		
01.20	11.10	100		
02.10	10.00	200		
03.05	08.55	300		
04.10	07.50	400		
10.05.20	10.06.35	500		
		501		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Japan Light, N 8° 30' W, 7° 10'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4111230 Date 20 Dec 1883
 Tension Machine. — Rect.
 Turns 12 Cor. + 1 Depth 13 fms.
 Shot or lead 26 lbs.
 Bottom m. S.
 Bottom temperature 72.6
 No. of thermometer 91224. Cor.
 Corrected temperature 72.6
 Air 77. — Surface 74. — Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.26.40	10.28.10	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layton's Light, N 30° 30' W., 5'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 23. 400. Date 20 7/18.

Hand Machine. Reel.

Turns — Cor. + — Depth 13 fms.

Shot or lead 9 lbs

Bottom m. s.

Bottom temperature

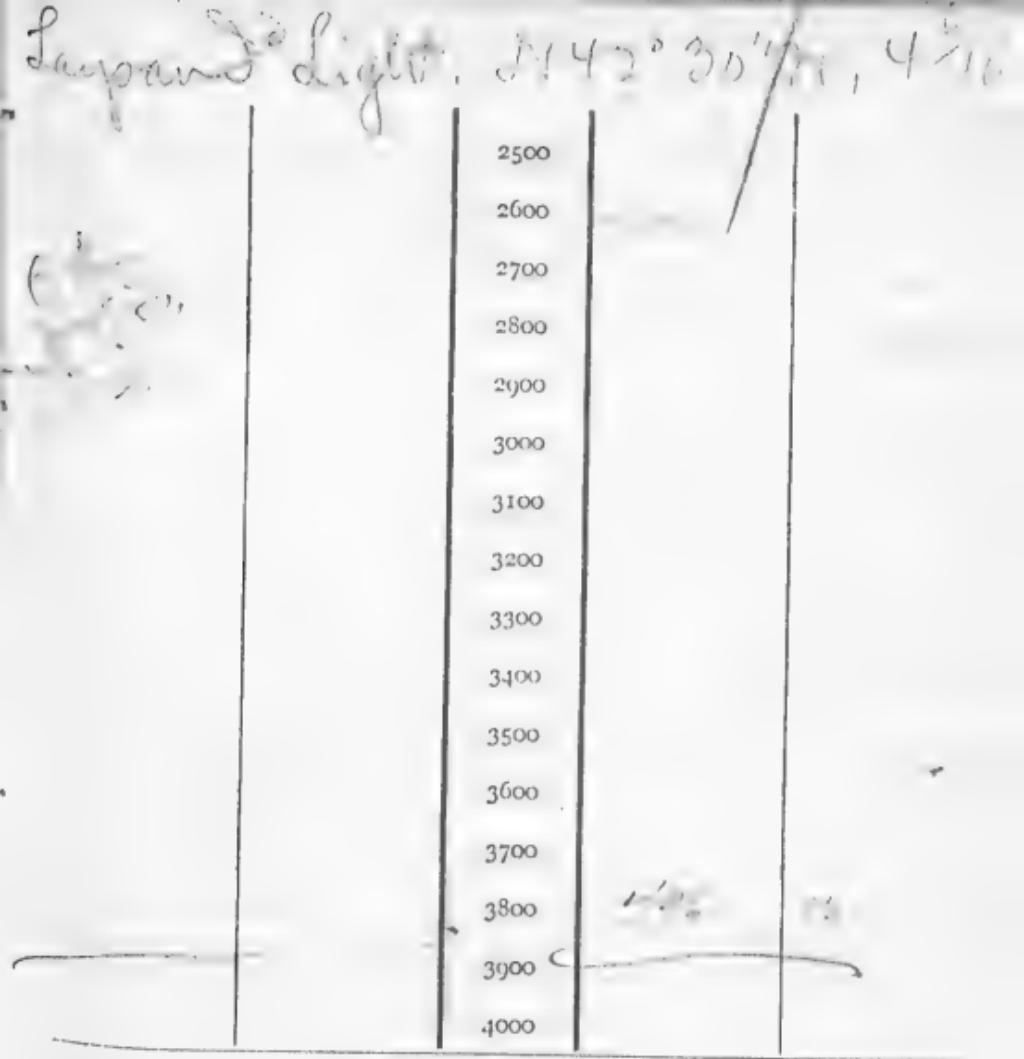
No. of thermometer } None Cor.

Corrected temperature

Air 77° — Surface 74° — Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.53		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 71.3

No. 41 4232 Date 20 May '03
Hull Machine. Reel.

Turns — Cor. + — Depth N. fms.

Shot on lead 9 lbs.

Bottom wh. s.

Bottom temperature

No. of thermometer 6 Zone Cor.

Corrected temperature

Air 78. - Surface 76. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.03. -		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layton D Light, 1144-74, 370'

C.C.
J.C.
17

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

47.92

12

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 414323, Date 20 Nov.

Hand Machine. Reel.

Turns — Cor. + — Depth 13. fms.

Shot or lead 9 lbs.

Bottom m. l.

Bottom temperature

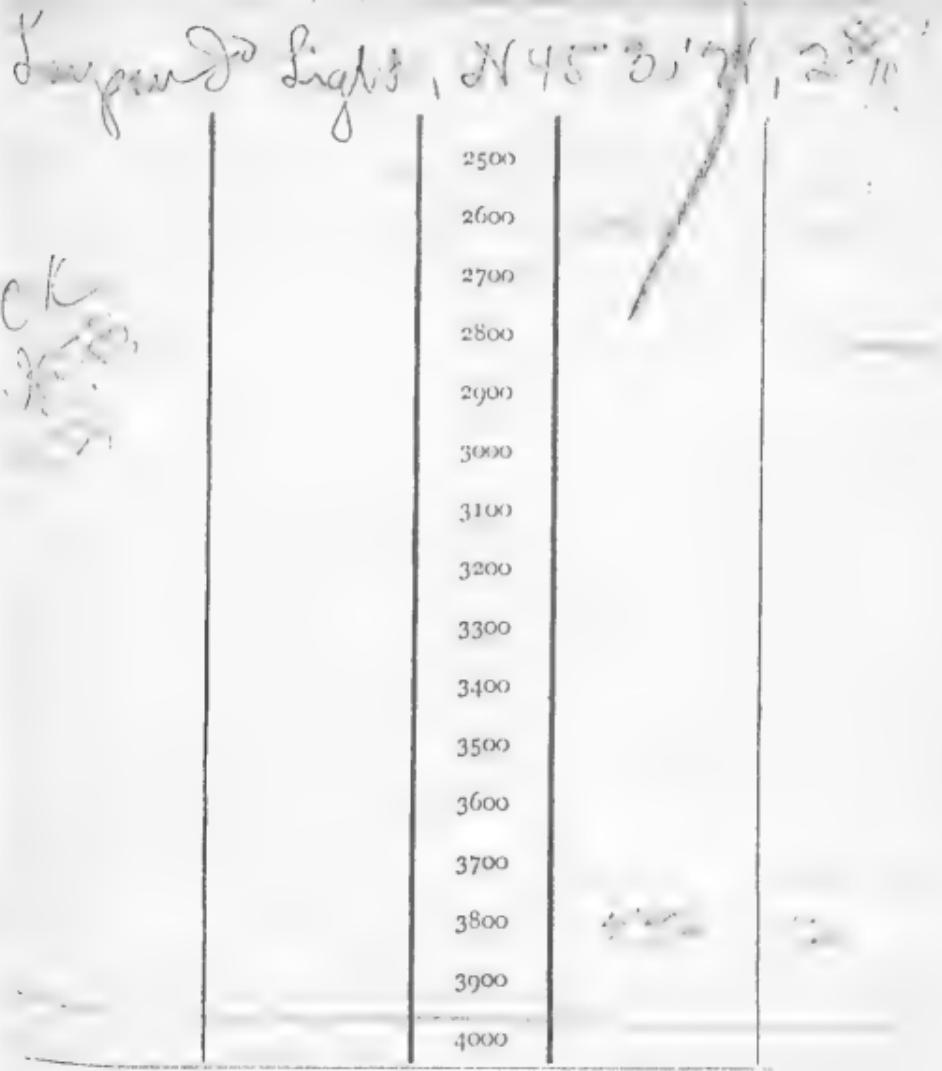
No. of thermometer 2 Down Cor.

Corrected temperature

Air 78. — Surface 76. — Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 12. —		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Section No. 4233 and 4234.
Hour Lead: 13. 12. 14. 16. 10.

P. C. = 72.5

No.

428 Date 20 Aug 18

Machine. Reel.

Turns — Cor. + — Depth 11 fms.

Shot or lead 9 lbs.

Bottom 10 fms. S.

Bottom temperature

No. of thermometer 2 none Cor.

Corrected temperature

Air 78. — Surface 76. — Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.10		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layard Light, 31°45' S 10°W, 210'

OK
30°C

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Temp 42.34 - 35
Hand: 12 1/2, 12, 11, 11. 12, 12, 12, 12,
10. C. ~~12, 12, 12,~~

No. 7

No. 4235 Date 5/2/35

Fins Machine Reel.

Turns — Cor. + — Depth 8 1/2 fms.

Shot or lead 7 lbs

Bottom m. s.

Bottom temperature

No. of thermometer None Cor.

Corrected temperature

Air 78. - Surface 76. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Legend Light, N 88° 31', 2.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Serials 2, 4225-4230, 4231-4235
10, 10, 11, 12, 11, 12, 13, 13, 10,
13, 14, 13, 12, 14, 14, 14, 15, 15
16.

77.2

Bentheimer

No. 12 Hg 4234 Date 2/22/12
 Dredge Machine #1 Reel. 1100 ft.
 Turns 20 Cor. + 2 Depth 22 fms
 Shot or lead 36 lbs.
 Bottom obs. m. S. soil fine.
 Bottom temperature
 No. of thermometer } Time Cor.
 Corrected temperature }
 Air 77 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-10.50	12-13.10	0		
12-12.50	12-12.20	40		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lamp and Light, JV 10° 30' 17", 17

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

496

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

85.75.

No. 4337 Date May 20-02.
 466 Machine #1 Reel. Navy
 Turns 15 Cor. + 2 Depth 17 m
 Shot on lead
 Bottom 77
 Bottom temperature
 No. of thermometer } 77.5 Cor.
 Corrected temperature
 Air 77 Surface 75 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
77-32.10	33 10	15		
32.30	33 =	160		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layard Light, 1885/1886, 6.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

15
17

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 792

No. 44 4338		Date	May 20-32
Turner		Machine.	Reel.
Turns 38	Cor. + 2	Depth	40 fms
Shot or lead	26		
Bottom	110	Surf.	55
Bottom temperature			
No. of thermometer		none	Cor.
Corrected temperature			
Air 77	Surface 75		Drift
Trawl or dredge			
SOUNDING WIRE.		DREDGE ROPE.	
DOWN.	UP.	TURNs.	
12.41	17.50	38	
47.80	52.49 =	100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

Lyapond Light, N 60° W, 6/16

6/16
1968
496
36
-15 8

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 1237 Date May 20-02
 Trawl Machine. Reel.
 Turns 440 Cor. + 12 Depth 452 fm.
 Shot or lead 26 lbs.
 Bottom 11.6 m. 36.5 fms.
 Bottom temperature }
 No. of thermometer } 20.00 Cor.
 Corrected temperature }
 Air 77 Surface 75 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
21.00.50	15.30	0		
01.55	14.15	100		
03.05	13.30	200		
04.05	10.10	300		
05.10	07.35	400		
06.50	1- 16.40	400 500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Long 8° Light. N 80° W 1/10

OK
N.C. 1910
J. S.

49
440
JL

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 81.2

No. 4151240 Date Friday 20-3-2

Machine Reel. 16.04

Turns 540 Cor. + 54 Depth 594 ins

Shot or lead 3c 25

Bottom no specimen

Bottom temperature 39.1°

No. of thermometer 95.564 Cor. + 0.1

Corrected temperature 39.2

Air 77 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-35.50	41.50	0		
27.00	40.70	100		
31.30	39.90	200		
31.32	39.92	300		
31.35	37.00	400		
33.30	36.30	500		
34 =	1-35.50	540		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Imp and light, N 83° W, 870'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

540
54
59

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 83.2

507
Biloxium

No. 4241 Date May 30 - 02

Machine. #1 Recl. ~~Time~~

Turns 54 Cor. + 5 Depth 59 fms.

Shot or lead 35 lbs.

Bottom Rocks

Bottom temperature 71.2

No. of thermometer 715354 Cor. - 0.2

Corrected temperature 71.0

Air 77 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.	DREDGE ROPE.	
	DOWN.	UP.
07.16.40	09.05	54°
07.15	08.30	+100
	200	
	300	
	400	
	500	
	600	
	700	
	800	
	900	
	1000	
	1100	
	1200	
	1300	
	1400	
	1500	
	1600	
	1700	
	1800	
	1900	
	2000	
	2100	
	2200	
	2300	
	2400	

Layard's Light, 68° 30' N., 7° 10'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

55
59

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 71 1342 Date May 22-02
 Machine Reel.
 Turns 20 Cor. + 21 Depth 22 in.
 Shot or lead 36 lbs
 Bottom 74.5 fms. 74.5 fms.
 Bottom temperature 75.234 Cor. 0
 No. of thermometer 75.234 Cor. 0
 Corrected temperature 74.5
 Air 77 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-31.5	32.15	0		
31.30	32.30	20		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layard Light. 74° 21. = 10

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

no. 1

No. 4243 Date May 20-12

C. M. Miller Machine. Reel.

Turns 20 Cor. + 1 Depth 2 fms

Shot or lead 26 lbs.

Bottom 50

Bottom temperature 74°

No. of thermometer 234 Cor. 0

Corrected temperature 74°

air 77 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
307.20	210	0		
01.30	3.150	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layton 30 Light, 251° 7.1/6.

OK
9/18
✓

496
20
476

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 414244 Date May 20-02.

2, error Machine. — Reel.

Turns 20 Cor. + 1 Depth 21 fms

Shot or lead 26 lbs

Bottom wh. d. 20 fms 85% sh.

Bottom temperature

No. of thermometer 28234 Cor. —

Corrected temperature 73.8

Air 77 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3713.00	14.25	200		
13.50	14.10	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lamp & Depth, 6:00 P.M., 5/5

60
3000

496

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

80-902

No. 4245 Date May 20-02

Machine. Reel.

Turns 19 Cor. + 1 Depth 20 fms

Shot or lead 26

Bottom 74.38 fms

Bottom temperature 74.38

No. of thermometer 95.334 Cor. 0

Corrected temperature 74.3

Air 77 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.25.30	36.45	0		
26.50	26.26	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Langford Light, 683046, 1911

OK

496
19
477

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Swinging between No 4245-4246
Hand line

REMARKS:

15. 15. 13. 13. 12 $\frac{3}{4}$. 10 $\frac{1}{2}$.
14. 13. 12 $\frac{1}{2}$. 12 $\frac{3}{4}$. 12 $\frac{3}{4}$.

007. 02
No. 4122-46 Date May 20-1922
Hand Machine. Reel.

Turns Cor. + Depth ~~12 3/4~~
Shot or lead 9 1/2 13 fms.
Bottom no specimen.
Bottom temperature
No. of thermometer } now Cor.
Corrected temperature
Air 76 Surface 75 Drift
Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lupwana & Light, Feb 10-11, 1885

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 2417 Date 11/20 '02

Machine Reel.

Turns 180 Cor. + Depth 10 fms

Shot on lead 26 ft

Bottom

Bottom temperature

No. of thermometer ✓ Cor.

Corrected temperature

Air 76 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
400	200	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lamp and Light 0.2711 11/17

Oil
Gas

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

46.6
17
17

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 4246 Date 20 July 02

Machine. Reel.

Turns 200 Cor. + 2 Depth 22 fms

Shot or lead 6 lbs

Bottom

Bottom temperature

No. of thermometer 11 Cor.

Corrected temperature

Air 76 Surface 75 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4,1040	4,110	4,1130	20	
			100	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900.		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

149 16 20 July 02

Machine.

Reel.

Turns 18

Cor. +

2

Depth

20 fms

Shot or lead

25-1

Bottom

Riffi well

Bottom temperature

No. of thermometer

Corrected temperature

Air 75

Surface 70

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
20, 05	20, 50	0		
210, 20	420, 30	18		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laypandoo Light.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 473 Date
 Machine. Recl.
 Turns 19 Cor. + 2 Depth 21
 Shot or lead 36 R. h.
 Bottom
 Bottom temperature
 No. of thermometer ~~100~~ Cor.
 Corrected temperature
 Air 76 Surface 75 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
49.10		19 ⁰ TOP		
29.30		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Aug 20th Light, 1910

C (C)
J (J)

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns 18

Cor. +

Depth

Shot or lead 26

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 76

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

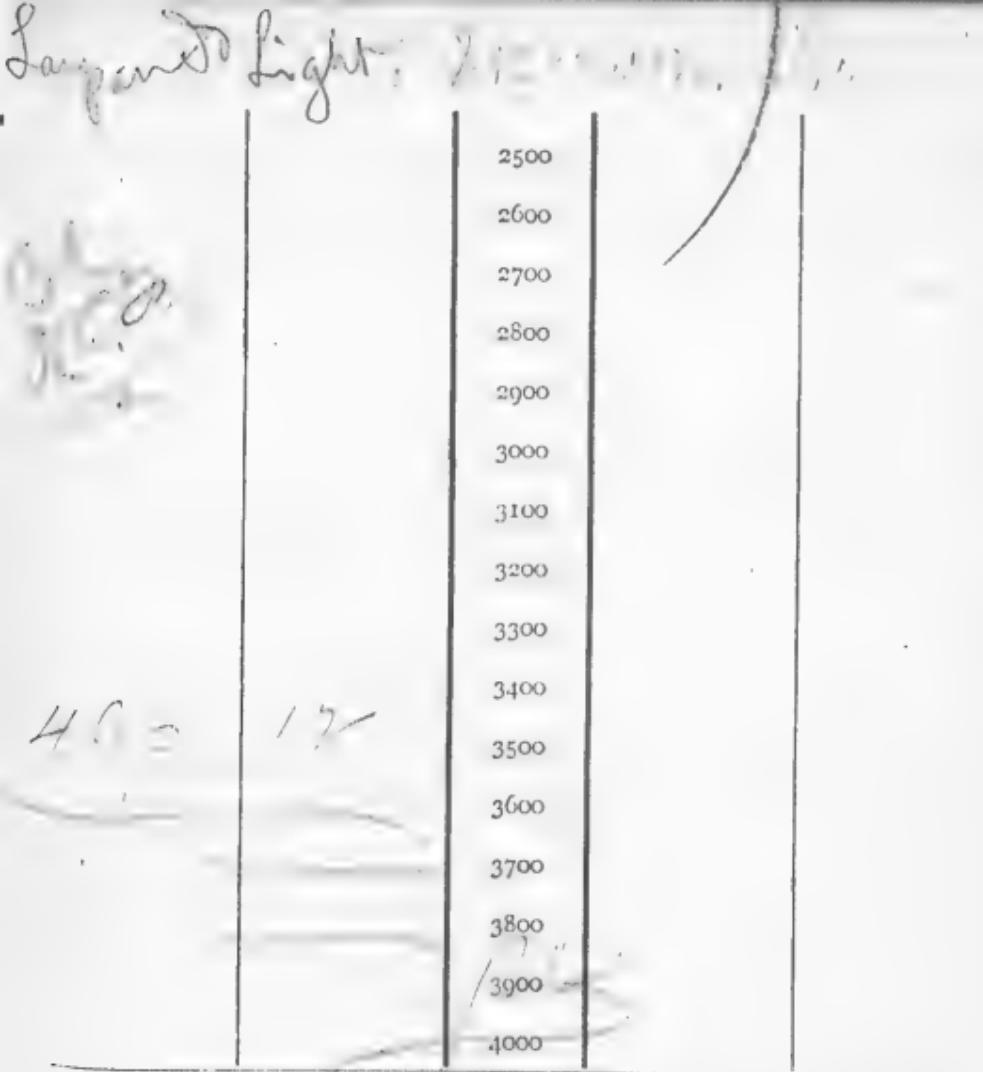
TURNS.

DREDGE ROPE.

DOWN.

UP.

43830		0		
43830		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns 59

Cor. +

2

Depth

60

fms

Shot or lead

26

4

5 fms

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 76

Surface 75

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Long and Light, 1000 fms.

CK
27

411
52
425

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

9/17/3

No. 4253

Date

Machine.

Reel.

Turns

Cor. +

5

Depth

87

Shot or lead

Bottom

60

42

Bottom temperature

No. of thermometer

98.2

44

Cor. -

Corrected temperature

42.6

Air

Surface

75

Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

10 10

11 10

0

03.30

10 30

100

24.30

09.20

200

05.36

08.10

300

06.10

07.10

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Leeward Light

CK
CK
CK

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

35.2
35.5
37
38
39.5

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~hot~~ C. 1000 ft. $P_1 = 0.3$

No.

Date

11.12.22 Machine. 1 Reel. ✓ 10.6

Turns 700 Cor. + 80 Depth 879 fms.

Shot or load 35 lbs.

Bottom no specimen -

Bottom temperature 36.7°

No. of thermometer 523 Cor. + 0.1

Corrected temperature 36.8

Air 75. - Surface 75. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.22.30	5.22.30	0		
22.25	36.00	100		
22.15	36.00	200		
25.00	37.00	300		
26.00	36.00	400		
27.25	36.00	500		
28.50	36.00	600		
29.50	36.00	700		
5.30.30	5.31.30	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lizard Light, S 10° 11.8' 10'

OK
K. 11
K. 12

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

799
80
879
867

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 0.5

No. 11455 Date 6/12/02

Machine. Reel.

Turns — Cor. + — Depth 14 fms

Shot or lead 9 lbs

Bottom 8°C. 50 fms

Bottom temperature

No. of thermometer

Corrected temperature

Air 73 Surface 75. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Lantern Light, East, 1⁵/₁₀

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Condition of the thermometer
1st. 100°. 100°. 100°. 100°. 100°. 100°.
21.

P.L. = 10.5

No. 4256 Date 3-1 Mar 19

Hand Machine Reel

Turns Cor. + Depth 21 fms

Shot or lead

Bottom S. Co. Sh.

Bottom temperature

No. of thermometer 2 m. Cor.

Corrected temperature

Air 78. Surface 75. Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layard Light, $859^{\circ}30'$ E., $2\frac{1}{10}'$

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

- Soundings bet. fys. 4256 - 4257, by hel.
21. 21.

No.

Date

Machine. - Reel.

Turns to Cor. + 1 Depth 21

Shot or lead 20 lbs.

Bottom over R.

Bottom temperature

No. of thermometer 6 None Cor.

Corrected temperature

Air 73. - Surface 75. - Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Langford Light 851°30' E., 3°10'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. = 12.5

No. 4255 Date 21 May '03.
 Summer Machine. + Recl.
 Turns 18 Cor. + 1 Depth 14 fms.
 Shot or lead 160
 Bottom 60 fms.
 Bottom temperature 74.5
 No. of thermometer 25334 Cor. 0
 Corrected temperature 74.5
 Air 78. Surface 75. Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
43.20	43.25	0		
43.40	43.45	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Layman & Light, 248° E., 4°

OK
X (D.
17°

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

17°

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

No. 4259 Date Feb 21st

C. T. Machine. Reel.

Turns 18 Cor. + Depth 17 fms

Shot or lead 26 lbs.

Bottom So sky.

Bottom temperature 74.2°

No. of thermometer 153.34 Cor. 0

Corrected temperature 74.2°

Air 74 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
55.40	56.35	0		
56.05	56.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Leopard Light. 847° E., 5° 10'

8/1
1000
7/1

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 14.05

No. 44-1260 Date May 21 ²²

Tanner Machine. — Recl.

Turns 18. Cor. + 1 Depth 700

Shot or lead 26 lbs.

Bottom 60 fms.

Bottom temperature 74°

No. of thermometer 98334 Cor. 0°

Corrected temperature 74°

Air 74 Surface 76 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-07.15	08.15	0		
07.15	07.40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Long and light, 0416.0, 6⁴/10'

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000



SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

P.L. 16.5

4507.
Hutchinson
No. 15' 3948 Date May 21st '02.

Tanner Machine. Reel. —

Turns 36 Cor. + 2 Depth 38 fms

Shot or lead 26 lbs.

Bottom 60 fms.

Bottom temperature 74°

No. of thermometer 98234 Cor. 0

Corrected temperature 74- GN 60° E.,

Air 74 Surface 76 Drift 2 1/10'

Trawl or dredge Tangle snags; 7 hauls hump-

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8-27.20	29 =	0	8.34 ⁰⁰	9.01 am
27.40	28.30	= $\frac{56}{100.61}$	36.20	
		25	44 ⁰⁰	8- 56.55
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Laysan Light, 84°E., 71°.

OK
S.J.
H.M.

49C
36
46°

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Tangles:

Few coralline nodules;
green corallines; algae overgrown
with bryozoa; anomuran crab.

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

- 0-60

- 5 - 35 -

202 - 30 - 60

57 - 35 -